137000 N

135000 N

133000 N

131000 N

129000 N

127000 N

496000 E

498000 E

500000 E

B

A'

C

B'

C'

A

MW-308B

SB-427

MW-401B

MW-10

PC-10B

MW-307DB

REGBR OC1

PC-16B

PC-15B

MW-524B

SB-210 (OLD)

MW-304B

MW-514B

MW-212B

MW-503B

MW-508B

MW-111D

MW-113B

A3-SD09

A3-SD10

SP-SB6

SP-SB7

BS-SB8

B2-SB1

MW-312B

MW-4B

MW-533B

PC-01B

PC-08B

PC-02B

MW-202D

OUTCROP Q

MW-207D

MW-211B

MW-302B

LEGEND

CROSS-SECTIONS

BEDROCK OUTCROP

PC-14B

B2-SB1

DATA POINTS USED IN CROSS-SECTIONS

MW-3100

GRAY SCALE DENOTES OU2 DATA POINTS NOT USED TO PREPARE CROSS-SECTIONS

NOTES:

1. ALL LOCATIONS ARE TO BE CONSIDERED APPROXIMATE.
2. PLAN NOT TO BE USED FOR DESIGN.
3. BASE PLAN COMPILED FROM THE FOLLOWING: DIVERSIFIED TECHNOLOGIES CORPORATION, NORTH HAVEN, CT; GEOD-PHOTOGRAMMETRIC SCIENCES SURVEY TECHNOLOGY, NEWFOUNDLAND, NJ; DELUCA-HOFFMAN ASSOCIATES, INC., S. PORTLAND, ME; CT-GIS; AND EPIC AERIAL PHOTOGRAPHY.

GRAPHIC SCALE

200′ 0′ 200′ 400′

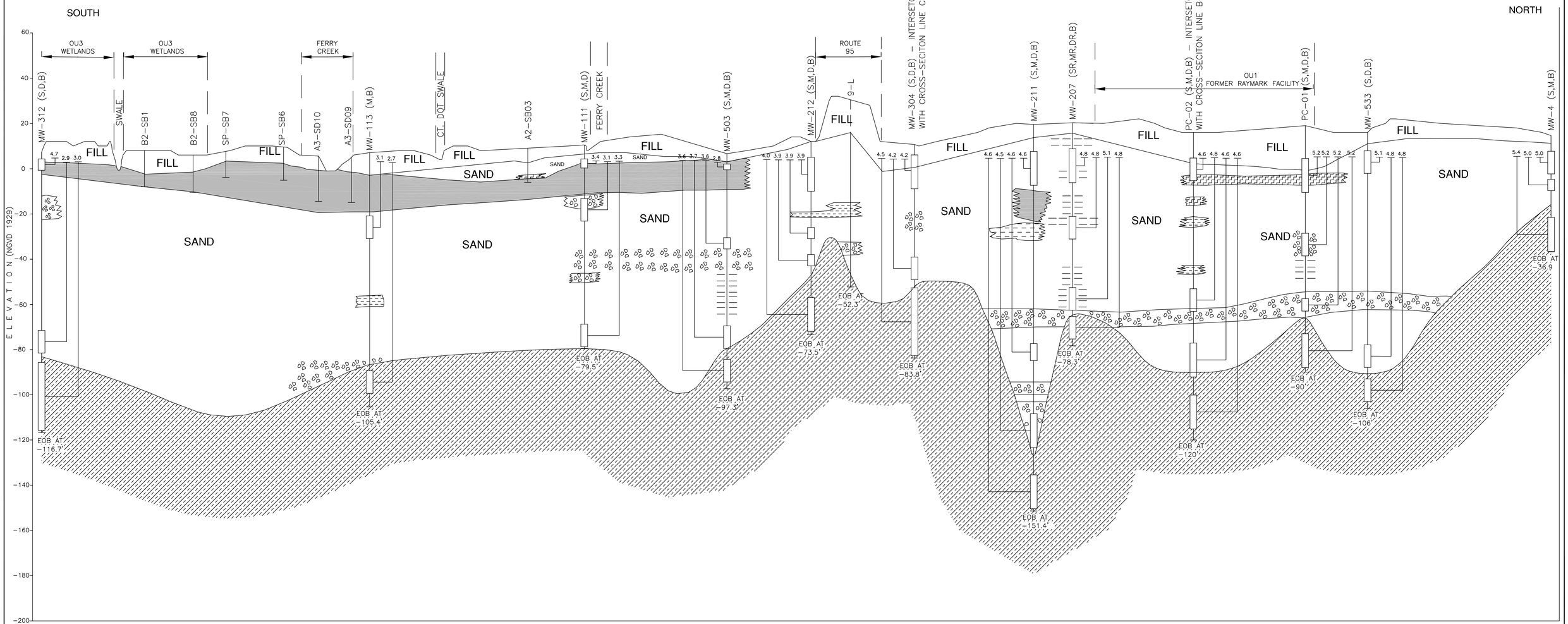
1 INCH = 200 FEET

DRAWN BY: D.W. MACDOUGALL	TITLE: CROSS-SECTION LOCATIONS RAYMARK - OU2 - GROUNDWATER REMEDIAL INVESTIGATION STRATFORD, CONNECTICUT		
PREPARED BY: J. LAMBERT			
CHECKED BY: M. HEALEY			
	SOURCE: SEE NOTE #3		
	SCALE: 1" = 200′	DATE: NOVEMBER 8, 2004	PROJ. NO: N4236
PROJECT MANAGER: H. FORD	DRAWING NO: 3-2	ACFILE NAME: DWG\4236\0600\LINES.DWG	REV: 0
PROGRAM MANAGER: G. GARDNER			

TETRA TECH NUS, INC.

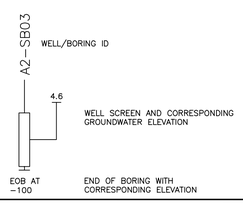
55 JONSPIN ROAD
WILMINGTON, MASSACHUSETTS 01887
(978)658-7899

GEOLOGIC CROSS-SECTION A - A'



LEGEND

FILL	FILL – FILL CONSISTS OF MANUFACTURED OR CONSTRUCTION DEBRIS AND WASTE SLUDGE MIXED WITH NATURAL MATERIALS SUCH AS SILTY SAND, GRAVEL, OR TOPSOIL.
	PEAT – FORMER SWAMP & MARSH DEPOSITS PRIMARILY COMPOSED OF DECAYED PLANT MATERIAL AND SOME ORGANIC SILT, SAND, AND MUCK.
	ORGANIC SILT – ORGANIC SILT WITH TRACE TO SOME FIBROUS PARTIALLY DECAYED PLANT MATERIAL.
	SILT – SILT WITH SOME CLAY AND TRACE AMOUNTS OF FINE SAND. DISCONTINUOUS LAYERS OF SAND AND GRAVEL MAY ALSO OCCUR.
SAND	SAND – FINE TO COARSE SAND WITH VARIOUS AMOUNTS OF SILT, CLAY, AND GRAVEL, AND LENSES OF SILT AND CLAY. AREAS OF INTERMIXED SILTY SAND ARE DENOTED BY THE SYMBOL −−−. SAND WITH GREATER THAN 20 PERCENT GRAVEL IS DENOTED BY GRAVEL SYMBOL .
	GRAVEL – FINE TO COARSE GRAVEL WITH VARYING AMOUNTS OF SAND, SILT, CLAY AND BOULDERS.
	BEDROCK – A MEDIUM TO FINE−GRAINED, THINLY LAMINATED, GREENISH−GRAY TO MEDIUM DARK GRAY CHLORITIC MUSCOVITE SCHIST WITH FINE TO MEDIUM GRAINED GRANOFELS COMPOSED PRIMARILY OF QUARTZ AND FELDSPAR.

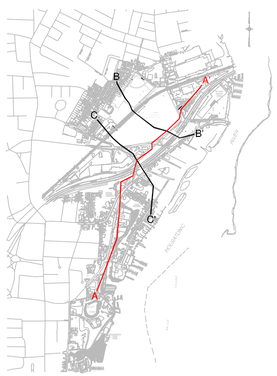


GRAPHIC SCALE

0′ 20′ — VERTICAL

0′ 200′ — HORIZONTAL

A − A'
TITLE: MAP VIEW



NOTES:

1. THE DEPTH AND THICKNESS OF THE SUBSURFACE STRATA WERE GENERALIZED FROM AND INTERPOLATED BETWEEN TEST BORINGS. THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES AND THE TRANSITION MAY BE GRADUAL. INFORMATION ON SUBSURFACE CONDITIONS EXIST ONLY AT THE LOCATION OF THE TEST BORINGS AND IT IS POSSIBLE THAT THE SUBSURFACE CONDITIONS MAY VARY FROM THOSE INDICATED.

2. GROUNDWATER ELEVATIONS ARE ROUNDED TO THE NEAREST TENTH. GROUNDWATER ELEVATIONS ARE FROM ROUND SEVEN OF GROUNDWATER LEVEL MEASUREMENTS TAKEN ON 04/15/03, UNLESS OTHERWISE NOTED.

3. WELLS AT EACH CLUSTER WERE INSTALLED IN SEPARATE BOREHOLES. WELLS ARE INDICATED BY MULTIPLE SCREENS ON ONE AXIS FOR CLARITY. WIDTH OF WELL SCREENS ARE NOT TO SCALE.

4. MONITORING WELL DESCRIPTION: S=SHALLOW, M=INTERMEDIATE OVERBURDEN, D=DEEP OVERBURDEN, B=BEDROCK, R = REPLACEMENT WELL. MONITORING WELL DESIGNATION PC DENOTES POST CLOSURE WELL FOR OU1, MW DENOTES MONITORING WELL INSTALLED FOR OU2. SOIL BORINGS ADVANCED FOR OTHER OPERABLE UNITS ARE DENOTED B2, SP, A3, AND A2.

5. BASE PLAN COMPILED FROM THE FOLLOWING: DIVERSIFIED TECHNOLOGIES CORPORATION, NORTH HAVEN, CT; GEOD−PHOTOGRAMMETRIC SCIENCES SURVEY TECHNOLOGY, NEWFOUNDLAND, NJ; DELUCA−HOFFMAN ASSOCIATES, INC., S. PORTLAND, ME; CT−GIS; AND EPIC AERIAL PHOTOGRAPHY.

6. TOPOGRAPHY WITHIN FERRY CREEK CHANNEL NOT SURVEYED.

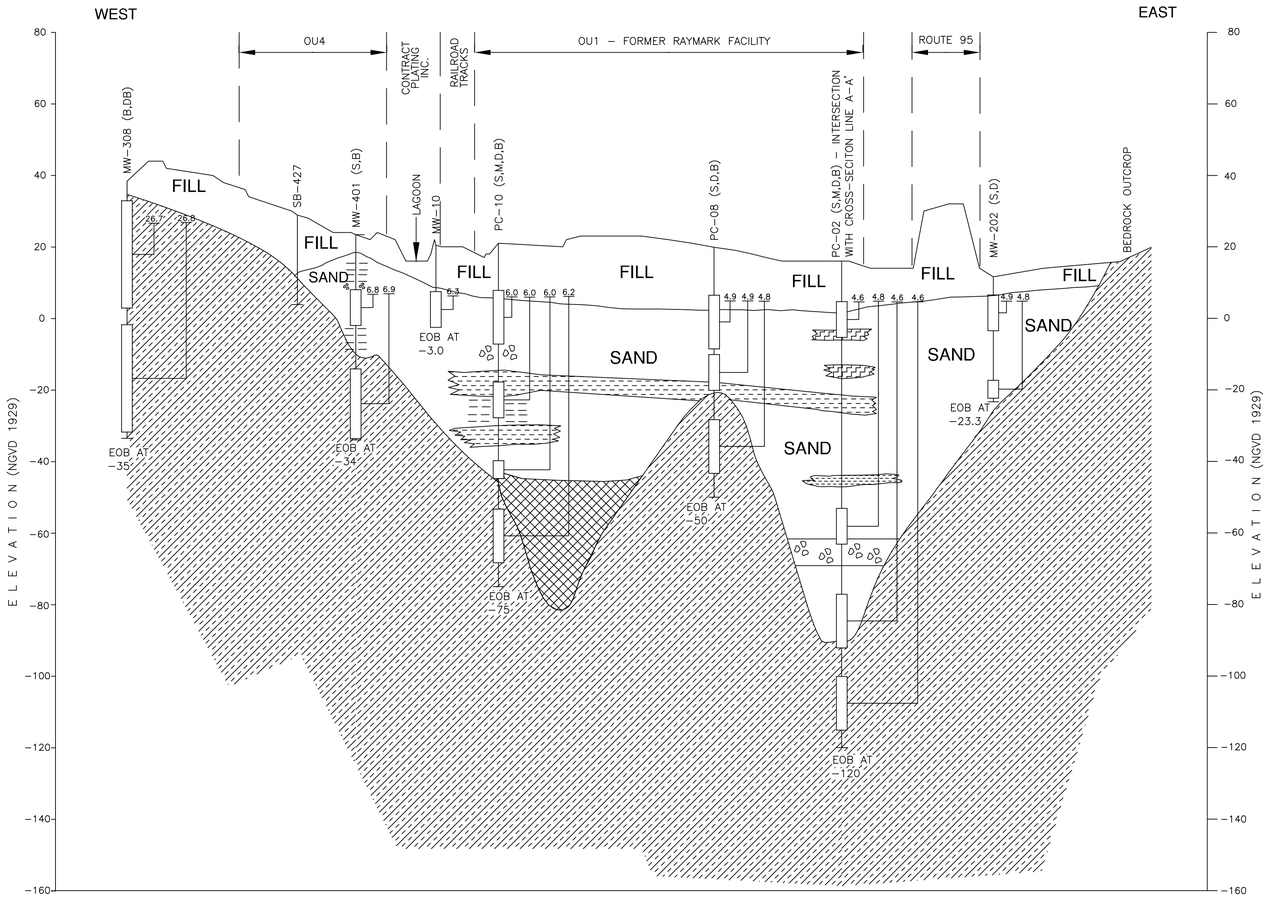
7. NOT FOR DESIGN.

8. ALL LOCATIONS TO BE CONSIDERED APPROXIMATE.

DRAWN BY: D.W. MACDOUGALL	TITLE: GEOLOGIC CROSS−SECTION A−A' RAYMARK − OU2 − GROUNDWATER REMEDIAL INVESTIGATION STRATFORD, CONNECTICUT		TETRA TECH NUS, INC.
PREPARED BY: J. LAMBERT			
CHECKED BY: M.HEALEY			55 JONSPIN ROAD
	SOURCE: REFER TO NOTE 5		WILMINGTON, MASSACHUSETTS 01887
	SCALE: AS SHOWN / DATE: NOVEMBER 8, 2004 / PROJ. NO: N4236		(978)658−7899
PROJECT MANAGER: H.M. FORD	DRAWING NO: 3−3 / ACFILE NAME: DWG\4236\0600\A−A'.DWG / REV: 0		
PROGRAM MANAGER: G.D. GARDNER			

Return to Main Document

GEOLOGIC
CROSS-SECTION B - B'

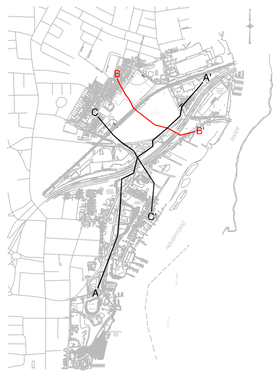


GRAPHIC SCALE

0′ 20′ — VERTICAL

0′ 200′ — HORIZONTAL

B – B'
TITLE: MAP VIEW



LEGEND

FILL	FILL – FILL CONSISTS OF MANUFACTURED OR CONSTRUCTION DEBRIS AND WASTE SLUDGE MIXED WITH NATURAL MATERIALS SUCH AS SILTY SAND, GRAVEL, OR TOPSOIL.
	PEAT – FORMER SWAMP & MARSH DEPOSITS PRIMARILY COMPOSED OF DECAYED PLANT MATERIAL AND SOME ORGANIC SILT, SAND, AND MUCK.
	TILL – FINE TO COARSE GRAVEL IN A DENSE MATRIX OF CLAY, SILT, AND SAND.
	SILT – SILT WITH SOME CLAY AND TRACE AMOUNTS OF FINE SAND. DISCONTINUOUS LAYERS OF SAND AND GRAVEL MAY ALSO OCCUR.
SAND	SAND – FINE TO COARSE SAND WITH VARIOUS AMOUNTS OF SILT, CLAY, AND GRAVEL, AND LENSES OF SILT AND CLAY. AREAS OF INTERMIXED SILTY SAND ARE DENOTED BY THE SYMBOL ~~~ SAND WITH GREATER THAN 20 PERCENT GRAVEL IS DENOTED BY GRAVEL SYMBOL .
	GRAVEL – FINE TO COARSE GRAVEL WITH VARYING AMOUNTS OF SAND, SILT, CLAY AND BOULDERS.
	BEDROCK – A MEDIUM TO FINE–GRAINED, THINLY LAMINATED, GREENISH–GRAY TO MEDIUM DARK GRAY CHLORITIC MUSCOVITE SCHIST WITH FINE TO MEDIUM GRAINED GRANOFELS COMPOSED PRIMARILY OF QUARTZ AND FELDSPAR.

MW–308 (B,DB) — WELL/BORING ID

4.6 — WELL SCREEN AND CORRESPONDING GROUNDWATER ELEVATION

EOB AT –100 — END OF BORING WITH CORRESPONDING ELEVATION

NOTES;

1. THE DEPTH AND THICKNESS OF THE SUBSURFACE STRATA WERE GENERALIZED FROM AND INTERPOLATED BETWEEN TEST BORINGS. THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES AND THE TRANSITION MAY BE GRADUAL. INFORMATION ON SUBSURFACE CONDITIONS EXIST ONLY AT THE LOCATION OF THE TEST BORINGS AND IT IS POSSIBLE THAT THE SUBSURFACE CONDITIONS MAY VARY FROM THOSE INDICATED.

2. GROUNDWATER ELEVATIONS ARE ROUNDED TO THE NEAREST TENTH. GROUNDWATER ELEVATIONS ARE FROM ROUND SEVEN OF GROUNDWATER LEVEL MEASUREMENTS TAKEN ON 4/15/03, UNLESS OTHERWISE NOTED.

3. WELLS AT EACH CLUSTER WERE INSTALLED IN SEPARATE BOREHOLES. WELLS ARE INDICATED BY MULTIPLE SCREENS ON ONE AXIS FOR CLARITY. WIDTH OF WELL SCREENS ARE NOT TO SCALE.

4. MONITORING WELL DESCRIPTION: S=SHALLOW, M=INTERMEDIATE OVERBURDEN, D=DEEP OVERBURDEN, B=BEDROCK, DB=DEEP BEDROCK. MONITORING WELL DESIGNATION PC DENOTES POST CLOSURE WELL FOR OU1, MW DENOTES MONITORING WELL INSTALLED FOR OU2. SOIL BORING ADVANCED FOR ANOTHER OPERABLE UNITS IS DENOTED AS SB.

5. BASE PLAN COMPILED FROM THE FOLLOWING: DIVERSIFIED TECHNOLOGIES CORPORATION, NORTH HAVEN, CT; GEOD–PHOTOGRAMMETRIC SCIENCES SURVEY TECHNOLOGY, NEWFOUNDLAND, NJ; DELUCA–HOFFMAN ASSOCIATES, INC., S. PORTLAND, ME; CT–GIS; AND EPIC AERIAL PHOTOGRAPHY.

6. NOT FOR DESIGN.

7. ALL LOCATIONS TO BE CONSIDERED APPROXIMATE.

DRAWN BY: D.W. MACDOUGALL	TITLE: GEOLOGIC CROSS–SECTION B–B' RAYMARK – OU2 – GROUNDWATER REMEDIAL INVESTIGATION STRATFORD, CONNECTICUT		
PREPARED BY: J. LAMBERT			
CHECKED BY: M.HEALEY	SOURCE: REFER TO NOTE 5		
	SCALE: AS SHOWN	DATE: NOVEMBER 5, 2004	PROJ. NO: N4236
PROJECT MANAGER: H.M. FORD	DRAWING NO: 3–4	ACFILE NAME: DWG\4236\0600\B–B'.DWG	REV: 0
PROGRAM MANAGER: G.D. GARDNER			

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